

# National 4 Homework 1

## All Questions are Non Calculator

1. Calculate

(a)  $3268 + 759$       (b)  $8624 - 4869$       (c)  $367 \times 8$       (d)  $2082 \div 6$       (e)  $542 \times 100$

(f)  $6500 \div 10$       (g)  $27 \times 500$       (h)  $10800 \div 30$       (i)  $5400 - 276 + 37$

2. The cost of a holiday is to be split equally among 7 friends.

If the total cost of the holiday is £2506, how much does each person have to pay?

3. Carol made 538 minutes of calls on her mobile phone last month.

She is charged 6 pence per minute. How much did she have to pay for her calls?



4. The number of people using a gym is recorded one week.



Mon	Tues	Wed	Thurs	Fri	Sat	Sun
278	305	362	196	217	425	489

(a) How many people used the gym in total?

(b) How many more people used the gym on Saturday than on Monday?

(c) What is the difference between the number of people using the gym on the busiest day and the quietest day?

5. Tickets for a show cost £20 for an adult and £9 for a child.

(a) There were 240 adult tickets and 160 children's tickets sold for Saturday's performance.

Calculate the amount of money made in ticket sales.



(b) On Sunday, £4725 was made in ticket sales. If 180 of the tickets were for adults, how many children's tickets were sold?

6. A box contains 40 packets of biscuits. A lorry can carry 500 boxes and can make 3 deliveries per day, 6 days per week. How many packets of biscuits can be delivered in a week?

7. Calculate

(a)  $6 + 8 \times 3$       (b)  $32 - 6 \div 2$       (c)  $15 \times (3 + 7)$       (d)  $(44 - 8) \div 3^2$

(e)  $3 \times 4 + 5 \times 8$       (f)  $(9 + 6) \div (8 - 3)$       (g)  $(25 - 7) + 4 \times 6$

8. Copy these calculations and put brackets in the correct places to give the answers shown.

(a)  $3 + 4 \times 5 = 35$       (b)  $6 \times 5 - 3 = 12$       (c)  $12 \div 3 + 1 = 3$       (d)  $10 - 4 \times 2 + 5 = 42$

9. Light bulbs come in boxes of six.

A hotel needs 75 light bulbs.

How many boxes must be bought?

